

Title (en)  
MOTORCYCLE TIRE PAIR

Title (de)  
MOTORRADREIFENPAAR

Title (fr)  
PAIRE DE PNEUS DE MOTO

Publication  
**EP 4046824 A1 20220824 (EN)**

Application  
**EP 22153385 A 20220126**

Priority  
JP 2021024276 A 20210218

Abstract (en)  
A tire pair includes a front tire 2 and a rear tire 52. The front tire 2 includes a pair of beads 18, a carcass 10 extending on and between a first bead 18 and a second bead 18, a tread 4 located outward of the carcass 10 in a radial direction, and a band 14 located between the tread 4 and the carcass 10 in the radial direction. The carcass 10 includes a large number of carcass cords 30 aligned with each other and each tilted relative to an equator plane. The band 14 includes a band cord 34 extending substantially in a circumferential direction. A ratio ( $J_f/J_r$ ) of a bending stiffness  $J_f$  of the band cord 34 of the front tire 2 to a bending stiffness  $J_r$  of a band cord 84 of the rear tire 52 is not less than 0.0 and less than 0.7.

IPC 8 full level  
**B60C 9/00** (2006.01); **B60C 9/04** (2006.01); **B60C 9/06** (2006.01); **B60C 9/18** (2006.01)

CPC (source: CN EP US)  
**B60C 9/0007** (2013.01 - EP US); **B60C 9/0042** (2013.01 - EP); **B60C 9/0238** (2013.01 - CN); **B60C 9/04** (2013.01 - EP);  
**B60C 9/06** (2013.01 - EP); **B60C 9/22** (2013.01 - CN US); **B60C 2009/1828** (2013.01 - EP); **B60C 2009/2238** (2013.01 - US);  
**B60C 2009/2252** (2013.01 - CN); **B60C 2200/10** (2013.01 - EP US)

Citation (applicant)  
• JP 2021024276 A 20210222 - CANON KK  
• JP 2567836 B2 19961225

Citation (search report)  
• [A] US 2007158008 A1 20070712 - NAKAMURA TSUTOMU [JP]  
• [A] US 2020331298 A1 20201022 - ISAKA WATARU [JP]  
• [A] JP H01240306 A 19890925 - BRIDGESTONE CORP  
• [A] US 4510983 A 19850416 - OHKUNI SHINICHIRO [JP], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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US 2022258538 A1 20220818

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**EP 22153385 A 20220126**; CN 202210078433 A 20220124; JP 2021024276 A 20210218; US 202217577636 A 20220118